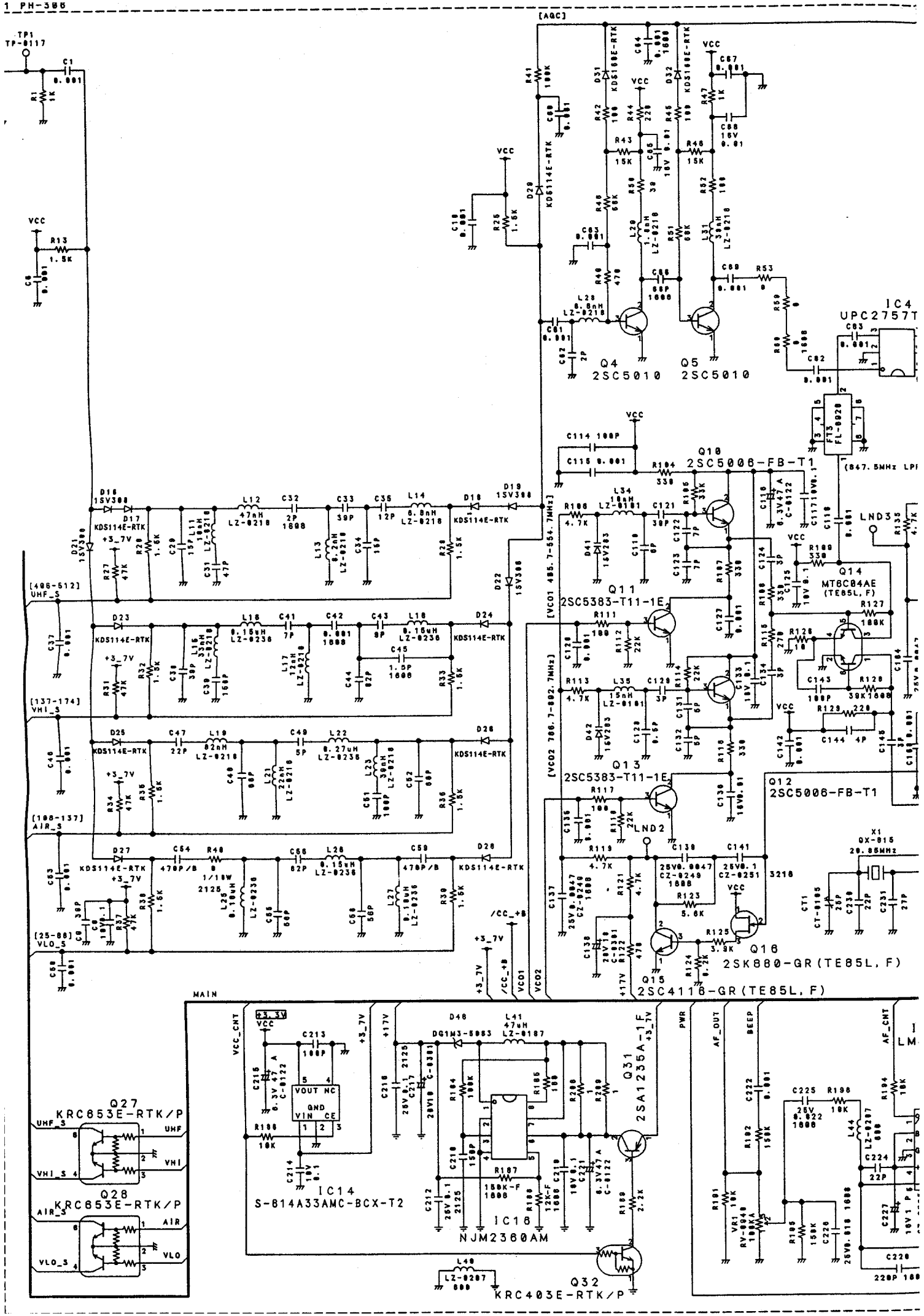
[AGC]
TP1
TP-0117
C1
0.001
R1
1K
VCC
R13
1.5K
C6
0.001
D18
1SV308
D17
KDS114E-RTK
+3_7V
R29
1.6K
C29
15P
L11
18nH
LZ-0218
C31
47P
R27
47K
L12
47nH
LZ-0218
C32
2P
1808
C33
39P
L13
6.2nH
LZ-0218
C34
15P
C35
12P
L14
6.8nH
LZ-0218
D18
KDS114E-RTK
D19
1SV308
R28
1.5K
D21
1SV308
D22
1SV308
[406-512]
UHF_S
C37
0.001
D23
KDS114E-RTK
+3_7V
R32
1.5K
C38
39P
L16
33nH
LZ-0218
C39
150P
R31
47K
L17
12nH
LZ-0218
C44
82P
C45
1.5P
1608
L18
0.15uH
LZ-0238
C41
7P
C42
0.001
1608
C43
8P
L18
0.15uH
LZ-0238
D24
KDS114E-RTK
R33
1.6K
[137-174]
VHI_S
C46
0.001
D25
KDS114E-RTK
+3_7V
R34
47K
R35
1.6K
C47
22P
L19
82nH
LZ-0218
C48
68P
L21
22nH
LZ-0218
C49
5P
L22
8.27uH
LZ-0238
C51
100P
L23
39nH
LZ-0218
C52
68P
D26
KDS114E-RTK
R36
1.5K
[108-137]
AIR_S
C53
0.001
D27
KDS114E-RTK
+3_7V
C54
470P/B
R40
0
1/10W
2125
L25
0.18uH
LZ-0238
C55
68P
C56
82P
L26
0.15uH
LZ-0238
C58
68P
C59
470P/B
L27
0.18uH
LZ-0238
D28
KDS114E-RTK
R39
1.5K
[25-88]
VLO_S
C60
0.001
C9
39P
C10
1.1P
R37
47K
R38
1.6K
/CC_+B
+3_7V
VCO1
VCO2
MAIN
Q27
KRC653E-RTK/P
UHF_S
UHF
VHI_S
VHI
Q28
KRC653E-RTK/P
AIR_S
AIR
VLO_S
VLO
VCC_CNT
+3_3V
VCC
C213
100P
C215
6.3V47A
C-0122
VOUT NC
GND
VIN CE
R188
10K
C214
10V
0.1
IC14
S-814A33AMC-BCX-T2
+17V
D46
DG1M3-5053
L41
47uH
LZ-0187
C216
25V
0.1
2125
C217
25V10
C-0301
R184
100K
R186
100
R200
1
R200
1
C218
150P
R187
150K-F
1608
R189
12K-F
1608
C219
10V
0.1
C221
6.3V47A
C-0122
C212
25V
0.1
2125
IC16
NJM2360AM
R190
2.2K
Q31
2SA1235A-1F
+3_7V
L40
LZ-0207
800
Q32
KRC403E-RTK/P
PWR
AF_OUT
BEEP
AF_CNT
C222
0.001
R192
150K
C225
25V
0.022
1608
R196
10K
L44
LZ-0207
800
C224
22P
R191
10K
VR1
RV-0040
100KA
R195
150K
C226
C227
16V1
C228
220P
R194
10K
D41
1SV283
C119
6P
Q10
2SC5006-FB-T1
R104
330
L34
18nH
LZ-0181
C121
30P
R105
33K
C116
6.3V47A
C-0122
C117
10V0.1
C118
0.001
C122
7P
C123
7P
R107
330
[VCO1 485.7-554.7MHz]
Q11
2SC5383-T11-1E
R111
100
R112
22K
C120
0.001
C127
0.001
R113
4.7K
L35
15nH
LZ-0181
C129
3P
R114
22K
C131
6P
C133
0.1
C134
3P
D42
1SV283
C128
0.5P
C132
6P
[VCO2 766.7-802.7MHz]
Q13
2SC5383-T11-1E
R110
330
C136
10V0.01
R117
100
R118
22K
C135
0.001
LND2
R119
4.7K
C139
25V0.0047
CZ-0249
1608
C141
25V0.1
CZ-0251
3216
C137
25V0.0047
CZ-0249
1608
R121
4.7K
R123
5.6K
C138
25V10
C-0301
R122
470
R124
0.2K
R125
3.9K
Q16
2SK880-GR(TE85L,F)
Q15
2SC4118-GR(TE85L,F)
Q12
2SC5006-FB-T1
R100
4.7K
C100
0.001
C102
2P
C103
0.001
C104
0.001
C105
18V
0.001
C106
0.001
C107
0.001
C108
16V
0.001
R101
100
R102
22K
R103
4.7K
R105
1K
R106
1K
R107
15K
R108
15K
R109
15K
R110
15K
R111
68K
R112
68K
R113
470
R114
68K
R115
68K
R116
30
R117
100
R118
100
R119
1K
C109
0.001
C110
0.001
C111
0.001
C112
0.001
C113
0.001
R98
0
R99
0
R97
0
R96
0
R95
0
R94
0
R93
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R92
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R91
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R90
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R89
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R88
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R87
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R86
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R85
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R8
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R7
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R6
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R5
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R4
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R3
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R2
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R1
0
C1
0.001
C2
0.001
C3
0.001
C4
0.001
C5
0.001
C6
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C7
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C8
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C9
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C10
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C11
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C12
0.001
C13
0.001
C14
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C15
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C16
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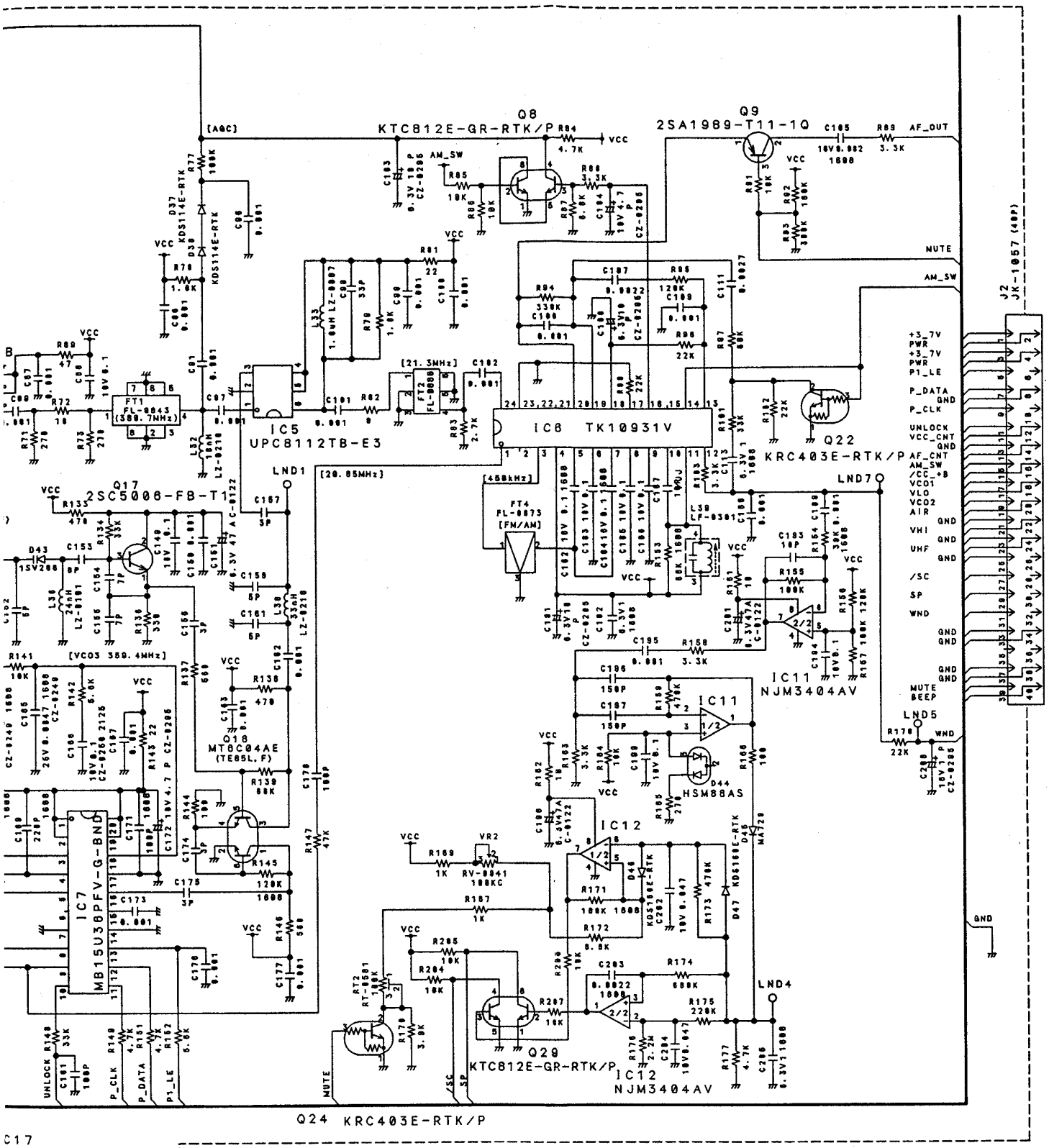
C17
0.001
C18
0.001
C19
0.001
C20
0.001



NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
2. RESISTOR WATTAGES ARE 1/16W [1005] UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)
4. ALL CAPACITORS TEMPERATURE CHARACTERISTICS ARE [CH] (LESS THAN 1000PF) OR [B] (MORE THAN 1000PF) UNLESS OTHERWISE NOTED.
5. CHIP CAPACITORS TYPE ARE [1005] AND RATED 50V UNLESS OTHERWISE NOTED.
6. RESISTOR TOLERANCES ARE J UNLESS OTHERWISE NOTED.

AT851 AT-398

AD851 AD-871

BT851 BT-551 BT852 BT-551

W502 UL1571 #28 3-55-3 BLK

SP501 SP-407

W501 UL1571 #26 3-55-3 WHT

DESIGN	DRAWN. BY	UNIDEN No.	MODEL No.
'04/11/8	'04/11/8	UB323C	AE72H
KUROKI	KUROKI	TITLE MAIN ASS'Y SCHEMATIC DIAGRAM	
CHECK. BY	APPRO. BY		
		DRAWING No.	
REV. No		UNIDEN CORP.	